

STATUS OF THE CLAIMS

Claims 1 to 10 (Currently cancelled)

11. A method for screening agents which inhibit an angiogenic response comprising

- a) contacting:
 - i) an inactive pro form or convertase-activated form of an integrin α subunit involved in angiogenesis,
 - ii) an agent to be tested for the ability to inhibit angiogenesis, and
 - iii) metalloprotease MT1-MMP,

under conditions promoting an increase in activation of the integrin α subunit in the absence of said agent, and

- b) correlating inhibition of said increase in integrin α subunit activation with the ability of the agent to inhibit angiogenesis.

12. The method of claim 11 wherein the correlating step is accomplished by observing a difference in migration of the activated form versus the inactive form of the alpha subunit in electrophoresis or chromatography.

13. The method of claim 11 wherein the MT1-MMP and pro form of the integrin α subunit are recombinantly expressed within the same cell.

14. The method of claim 11 in which said contacting step is performed within a cell.

15. The method of claim 11 in which the activation of said alpha subunit is accomplished by cleavage of the pro form of said alpha subunit.

16. The method of claim 1 wherein the activation of said alpha subunit is accompanied by a change in glycosylation of the pro form of said alpha subunit.

17. The method of any one of the foregoing claims in which the alpha subunit comprises the α_v subunit.